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ID 2235107

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DESCRIPTORS: *Metallic compounds, *Carbonyl
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- III. Abeck, W.
- IV. ATS-75N51G
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DESCRIPTORS: *Complex compounds, *Metallic com-
pounds, *Carbonyl radicals, Chemistry, Valence,
Molecular structure, Theory, Chemical properties,
Periodic variations.

(See also 63-10984)

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- I. Hieber, W.
- II. Title: General...
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Chemical reactions, Hydroxides.

(Chemistry--Inorganic, TT, v. 6, no. 3)

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Trans. of Zet[schrift] f[ür] Physik (West Germany)
1952, v. 133, p. 109-[117].

DESCRIPTORS: Materials, *Elasticity, *Stresses,
Deformation, *Relaxation time, Theory, Linear
systems, Analog systems, Harmonic analysis,
*Statistical functions.

The concept of relaxation signifies in its present day
form a property of the response of linear systems. The
assumption of causal succession of events in which the
response must, as the effect, follow the cause, namely,
the excitation of the system---is sufficient for the
derivation of a unified theory of relaxation phenomena.
The derivation presented in this paper is based on func-
(Mechanics, TT, v. 10, no. 7) (over)

63-14649

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Abteilung fur Electrolytforschung an der Universitat
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Sci
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(NY-6400/8)

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AEC-JP-Tr-1024

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Y. HIGASHI

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**FE - China
USSR
Mil
Jun 61**

61-16518

Higashimura, Toshinobu and Okamura, Seizo.

THE BEHAVIOR OF VINYL ACETATE AND ACRYLIC
ACID DERIVATIVES IN CATIONIC POLYMERIZATION.
[1961] 15p. 15 refs.

Order from SLA \$1.60

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Trans. of Kobunshi Kagaku (Japan) 1960, v. 17, no. 186,
p. 635-640.DESCRIPTORS: *Polymerization, Copolymerization,
*Styrenes, Vinyl radicals *Acetates, Acrylic resins,
Chemical reactions, Carbon, loss.

The cationic homopolymerization and copolymerization
of styrene and vinyl monomers which are less active
than styrene and have side chains stabilizing the carbon-
ium ions, i. e., vinyl acetate (VAc), methyl methacry-
late (MMA), and methyl acrylate (MA), were studied.
These monomers retarded the polymerization of styrene
extremely and it was presumed that not only transfer
and/or termination by these monomers but the reaction
(Chemistry--Organic, TT, v. 6, no. 6) (over)

I. Higashimura, T.
II. Okamura, S.

Office of Technical Services

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Jul 58

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Psikhiatrii Imeni S. S. Korsakova,
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NIH 11-67-64
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M. Higasi

Sci-B&M
Aug 65

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CBIRO 5376

Sci - Biol
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CSIRO 5375

Sci - Biol
Aug 62

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Higashi, Koshiro, and Tsukamoto.
SEPARATION DE LA PARTIE SOLIDE DES ACIDES
GRAS, DES GRAISSES OU DES CIRES (Separation of
Solids from Fatty Acids, Fats or Waxes). Sp. FX-632.
Order from OTS, ETC or CNRS \$0.80 62-26479

Trans. in French of [published] Japanese patent 2685-
1960 by Compagnie de Poissonneries de Tayo,
Chiyotaku, pub. 24 Mar 60.

DESCRIPTORS: *Fats, *Fatty acids, *Waxes, Solids,
Liquids, Detergents, Oil filters.

(Chemistry, TT, v. 10, no. 7)

62-26479

- I. Higashi
- II. Koshiro
- III. Tsukamoto
- IV. Patent (Japan) pub. 35-2685
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- VI. Centre National de la
Recherche Scientifique
(France)

A247437

Office of Technical Services

The Molecular Structure of 2, 2'-Dihalodiphenyl
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Assoc Tech Serv JJ-1426
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Sci - Chem

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SLA 57-2304

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Higashimura, T., Sunaga, Y., and Okamura, S.
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OF ALKYL VINYL ETHERS AND THE PROPERTIES
OF THE POLYMERS OBTAINED. [V] SOME LOWER
ALKYL VINYL ETHERS AND THE PROPERTIES OF
THE POLYMERS. [1961] 12p. 10 refs.
Order from RIS \$16.00 RIS rept. 61118

Trans. of [Kobunshi Kagaku] (Japan) 1960, v. 17,
no. 180, p. 257-262.

DESCRIPTORS: *Polymerization, Vinyl radicals,
*Ethers, *Polymers, Physical properties, Alkyl
radicals.

(Chemistry--Organic, TT. v. 6, no. 5)

61-22968

- I. Higashimura, T.
- II. Sunaga, Y.
- III. Okamura, S.
- IV. Title: Some...
- V. RIS-61118
- VI. Research Information
Service, New York

Office of Technical Services

-61-22969

Higashimura, T. Kodama, T., and Okamura, S.
LOW-TEMPERATURE CATIONIC POLYMERIZATION
OF ALKYL VINYL ETHERS AND THE PROPERTIES
OF THE POLYMERS OBTAINED. IV. INFLUENCE
OF THE POLYMERIZATION CONDITIONS ON THE
PROPERTIES OF THE POLYVINYL ISOBUTYL
ETHER. [1961] 13p. 11 refs.
Order from RIS \$15.00

RIS rept. 61119

Trans. from Kōbunshi Kagaku (Japan) 1960, v. 17,
no. 179.

DESCRIPTORS: *Polymerization, Vinyl radicals,
*Ethers, *Polymers, Physical properties, Butyl radi-
cals, Alkyl radicals

I. Higashimura, T.
II. Kodama, T.
III. Okamura, S.
IV. Title: Influence...
V. RIS-61119
VI. Research Information
Service, New York

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(Chemistry--Organic, TT, v. 6, no. 5)

Process for Manufacturing Crystalline
Polymer of Vinyl-Alkyl ether, by Seizo
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JAPANESE, patent, 13534/1963, 1961.
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Reduction of Iron Ores by Nitrogen - Carbon
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